1991-92 whereas it has been on the basis of annual targets fixed in consultation with state nodal departments/agencies during 1992-93.

(b) State-wise information on targets and achievements in respect of Family Type Biogas plants set up under National Project on Biogas Development and Smokeless Chulha installed under National Programme for Improved Chulha for the years 1990-91 to 1992-93 is given in Annexure-2, respectively. The State-wise information pertaining to proposals sanctioned during 1990-91 & 1991-92 and targets assigned during 1992-93 vis-a-vis achievements for respective years under, the programme of community/Institutional/Night-soil Based Biogas Plants is given in Annexures [Appendix 170, Annexure No. 31, 32 and 33.1

(c) Total sums of Rs. 174.76 crores, Rs* 6.62 crores and Rs. 47.03 crores were sanctioned to different State Governments and Programme Implementing Agencies under the National Project on Biogas Development, Community & Institutional Biogas Plants Programme and National Programme on Improved Chulhas, respectively during the years 1990-91 to 1992-93.

(d) Non-Conventional Energy devices, such as biogas plants and smokeless chulhas contribute to environmental upgradation by recycling and conservation of Biogass, improving rural sanitation and reducing deforestation. A total of 17.63 lakh biogas plants installed in the country upto March, 1993 are estimated to generate biogas equivalent to 57 lakh tonnes of fuel wood whereas 145 lake smokeless chulhas installed injthe country savre fuel wood of the order of 101.5 lakh tonnes per annum.

Tapping of Mini-Hydel Power potential

1470. SHRI V. HANUMANTHA RAO : Will the PRIME MINISTER be pleased to state :

(a) whether the Ministry have mapped out. all potential areas or sites having pontial for mini-hydel projects;

(b) if so, the details thereof;

(c) whether Government have contacted State Governments and their respective Electricity Boards to study this potential; and

(d) if so, the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTINAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR) : (a) and"(b) Based on information received from the States/ the Miiristry has prepared a list of 1300 potential small hydro power project sites upto 3 MW capacity. , The identification of sites is a continuous process in consultation with the States.

(c) and (d) Yes, Sir. The Ministry has requested the State Governments to assess the potential in their States. In order to assist in project development, the Ministry has introdu ced a composite promotional scheme for providing financial assistance for undertaking survey and investigations and preparation of Detailed Project Reports. '

Rural households using traditional cooking Chulhas

1471. DR. BAPUKALDATE :

SHRIMATI KAMLA SINHA :

Will the PRIME MINISTER be pleased to state :

(a) whether any study regarding the percentage of rural household in the country using traditional Chulhas for cooking has been conducted;

(b) if so, what are the details thereof;

(c) what is the estimated percentage of women using traditional chulhas for cooking' reported to be suffering from smoke related diseases in the rural aveas; and

(d) what efforts have been made by the State and Central Governments to improve their lot stating the result achieved ?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRTSHNA ' KUMAR) : (a) and (b) Specific study on the percentage of rural households in the country using traditional chulhas for cooking purposes has not come to the notice. However, according to the study conducted by National Council of Applied Economic Research, New Delhi, about 90% of the rural households use non-commercial sources of fuel such as fue' wood, dung-cakes and agricultural residues, f Most of the households using non-commercial . uels for cooking use traditional chulhas,